

Werme
Serial no. 09/864,829
Filed 5/24/2001
Attorney docket no. 83019

Page 2

In the specification

On page 6, please replace the text boxes on the row starting after line 15 with the following text boxes:

API	API (application programming interface) A set of subroutines or functions that a program, or <i>application</i> , can call to invoke so[n]me functionality contained in another software or hardware component. The <u>Microsoft Windows® operating system</u> API consists of more than 1,000 functions that programs written in C, C++, Pascal, and other languages can call to create windows, open files, and perform other essential tasks. an application that wants to display an on-screen message can call Windows <u>the MessageBox</u> API function, for example.
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On page 7, please replace the text boxes on the row beginning with the word "DAEMON" with the following text boxes:

DAEMON	A background process on a host or Web server (normally in a <u>UNIX® operating system</u> environment), waiting to perform tasks. Well-known examples of daemons are sendmail and HTTP daemon.
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12
On page 20, please replace line 8 with the following text:

- cross-platform support: Sun Solaris® operating system, SGI IRIX® operating system, Linux® operating system, etc.[...]

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AC 11/29/06
20-28
On page 50, please replace the paragraph on lines 16-25 with the following paragraph:

A number of displays which show system configuration data and instrumentation data in near real-time are included as part of the Resource Management Architecture. These displays support operator and user monitoring of the operation of the distributed environment including host and network statuses and performance, application system statuses and performance, as well as the status and performance of the other Resource Management architecture functions. Most of the displays use the OpenGL® platform and the Motif® platform, the latter being built with ICS's Builder Xcessory® toolkit, and run on Silicon Graphics (SGI) platforms in an exemplary case. Several of the displays can also run on the Sun Solaris® operating system platforms. The displays that make up the display functional group FG6 include:

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16-23
On page 54, please replace lines 12-19 with the following text:

- cross-platform support:
 - SGI IRIX® operating system, versions 6.3/6.4/6.5
 - Sun Solaris® operating system, versions 2.5.1/2.6/2.7/2.8
 - HP HP-UX® operating system, version 10.20
 - Linux® operating system, version 2.1/2.2
 - Microsoft Windows® NT operating system, version 4.0
 - Microsoft Windows® 95/98/2000 operating system
 - Sun Solarisx86® operating system, version 2.7

AC 11/29/06
17-24
On page 72, please replace the paragraph on lines 14-21 with the following paragraph:

As part of the grammar development effort, a specification library has also been developed that parses the specification files and provides an API for accessing the specification

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information. It will be noted that the specification library was written in C++ and has been ported for all development platforms including the Sun Solaris® operating system, version 2.6, the Sun Solaris® operating system, version 2.7, the SGI IRIX® operating system, version 6.5, the HP HP-UX® operating system, version 10.20, the Red Hat Linux® operating system, and the Microsoft Windows® NT operating system, version 4.0. The library advantageously can be used by substantially all of the Resource Management functional elements, including Program Control FG50, Resource Manager FG42, Path QoS Managers, Hardware Broker FG40, and History Servers FG12A-FG12N.

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11/29/06
Please replace the paragraph starting on page ^{81 line 51-14} ~~80, line 26~~, and ending on page ~~81, line 11~~, with the following paragraph:

More specifically, the Host Monitors FG10A-FG10N have been designed and implemented in C++. This decision allows for a completely modular design in which platform-specific code can be restricted to a small number of modules. This approach alleviates any of the problems associated with porting to various platforms. Currently there is support for Sun SPARC® based architectures running the Sun Solaris® operating system, versions 2.6 and 2.7, Silicon Graphics MIPS® based architectures running the SGI IRIX® operating system, version 6.5, Hewlett-Packard PA-RISC® based architectures running the HP1020® operating system, and Intel Pentium® based architectures running both the Microsoft WinNT® operating system, version 4.0 Workstation and the Red Hat Linux® operating system, version 6.0. The Host Monitor source compiles under the native compilers provided by Sun Microsystems and Silicon Graphics for their respective platforms. The Gnu C++ compiler (version 2.8.1) may also be used on Hewlett-Packard PA-RISC® based architectures under the HPUX® operating system, version 10.20 and the Red Hat Linux® operating system. Microsoft Visual C++® compiler compiles the Windows NT® Host Monitor computer program. All Host Monitors utilize the I/O library

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Amendments to the Specification:

Please replace the paragraph at page 8, line 4 – page 9, line 5 in the substitute specification (corresponding to paragraph [0033] of U.S. Patent Application Publication 2005/0055350) with the following rewritten paragraph:

An exemplary system for implementing the Resource Management Architecture according to the present invention is ~~illustrate~~illustrated in FIGS. 1A, 1B, which includes a plurality of Host computers A, B, ..., N operatively connected to one another and Resource Management hardware RM via a Network 100. It will be appreciated that the hardware configuration illustrated in FIGS. ~~1a, 1A,~~ 1B constitutes a so-called grid system. It will also be appreciated that the network 100 advantageously can be any known network, e.g., a local area network (LAN) or a wide area network (WAN). It will also be appreciated that the hardware RM need not be a discrete piece of equipment; the hardware RM advantageously can be distributed across multiple platforms, e.g., the host computer(s), as discussed in detail below. In addressing the functional elements and applications in the distributed environment, it will be appreciated that hosts A-N each can instantiate applications 1-M. Thus, when all applications are being addressed, these applications will be denoted as A1-NM.

OC
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Please replace the paragraph at page 76, lines ~~1-6~~⁵⁻¹⁰ in the substitute specification (corresponding to paragraph [0455] of U.S. Patent Application Publication 2005/0055350) with the following rewritten paragraph:

Other blocks are available. For example, a dependency block indicates any dependencies the application may have with the startup and/or shutdown of other applications (e.g., it may be required that a particular application be started before another application can be started). It will be noted that the dependency block is used by both Application Program Control FG50 and the Resource Manager FG42 to determine whether or not it is safe to start an application, stop an application, or let an application continue to run.